

Manufacturers' Shipments, Inventories, and Orders

HISTORICAL DATA FOR SELECTED SERIES

November 1964

SERIES: M3-1, Supplement 2

This report contains annual data for shipments and end-of-year inventories, and monthly data for the machinery and equipment industries series which were not published previously in the Bureau of the Census background report, M3-1, Manufacturers' Shipments, Inventories, and Orders: 1947-1963, Revised. In addition, data for several series that have been revised since the report was issued are also included.

Manufacturers' Shipments and Inventories

The first two tables of this report, show shipment and inventory data on an annual basis for a number of industry categories which do not meet publication standards on a monthly basis. In addition, yearly totals of shipment values are shown for those industry categories for which monthly data were presented in the background report mentioned above.

Table 1 presents shipments data on an annual basis for 1947 and 1949 to 1962 while table 2 shows inventory data for the end of years, 1953 to 1962. Annual levels are shown for all industry categories in the M3-1 survey, including those for which monthly estimates are not available. The data have also been aggregated to the 2-digit Standard Industrial Classification (SIC) totals and to summary levels (i.e., durable goods industries, nondurable goods industries, and total manufacturing).

In revising the monthly survey M3-1, Manufacturers' Shipments, Inventories, and Orders, it was necessary to establish consistent and comparable annual benchmark levels for shipments and inventories for the years prior to 1958. The census data which had originally been published for these earlier years were not comparable because of the major changes made in the 1957 SIC. Also, a number of conceptual changes had been introduced into the census statistical system from time to time. For example, the shipments data for Industry Group 331, "Steel Mills, Blast Furnaces," formerly included interplant transfer values for coke operations prior to 1954; inventory data had not been shown for Major Group 27,

"Printing and Publishing," for 1955 and earlier years; the value of resales was not included in the total shipments figure for intercensal years before 1958, etc., The detailed methodology used to convert the 1945 SIC to obtain annual benchmark levels that were comparable to the 1957 system is outlined in appendix C of the report, Manufacturers' Shipments, Inventories, and Orders: 1947-1963, Revised.

The composition of the monthly survey categories, in terms of the 4-digit SIC, is given in appendix B of the same report. Data for the 4-digit industries are available for 1958 and subsequent years from the census of manufactures and annual surveys of manufactures. This detailed information, however, is not available for earlier periods since the conversion was done only for the monthly survey categories which are primarily on a 3-digit basis.

Machinery and Equipment Series

Monthly data on the value of manufacturers' shipments, inventories, and orders for the machinery and equipment industries are published in the Current Industrial Reports series, M3-1, Manufacturers' Shipments, Inventories, and Orders. Comparable data for the 1953-1963 period are shown for the first time in table 3 of this supplement. This series includes the following industry categories: Machinery, except electrical (excluding farm machinery and equipment and machine shops), electric machinery (excluding household appliances, communication equipment, and electronic components), shipbuilding and repairing, and railroad and street car equipment.

Revised Data

Tables 4 to 6 of this report present revised monthly data for manufacturers' shipments, new orders, and unfilled orders for the period 1947-1952 which supersede those published in the basic background report.

Manufacturers' new orders data for the supplementary series, "defense products," have been revised for 1947-1948 and are shown in table 7.

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U. S. DEPARTMENT OF COMMERCE Luther H. Hodges, Secretary

BUREAU OF THE CENSUS Richard M. Scammon, Director

Table 1.--VALUE OF MANUFACTURERS' SHIPMENTS FOR ALL INDUSTRY GROUPS: 1947 AND 1949-1962
(Millions of dollars)

Industry group	1962	1961	1960	1959	1958	1957	1956	1955
All manufacturing industries.....	399,327	369,823	370,136	362,663	327,170	344,541	333,183	317,246
Durable goods industries, total.....	205,955	185,927	190,085	186,630	162,759	182,667	176,712	168,583
Lumber and wood products.....	8,361	7,914	8,180	8,755	7,553	7,710	8,444	8,454
Furniture and fixtures, total.....	5,521	5,049	5,142	5,205	4,674	4,723	4,718	4,382
Household furniture.....	3,792	3,465	3,555	3,691	3,273	3,355	3,326	3,134
All other furniture.....	1,729	1,584	1,587	1,514	1,401	1,368	1,392	1,248
Stone, clay and glass products.....	11,538	11,033	11,107	11,251	9,731	9,704	9,573	8,854
Primary metals, total.....	33,966	31,615	32,474	32,633	27,524	35,207	36,643	33,316
Blast furnaces, steel mills.....	18,230	17,364	18,297	18,436	15,702	21,687	21,477	19,686
Nonferrous metals.....	11,529	10,637	10,351	10,220	8,649	9,428	10,962	9,898
Other primary metals.....	4,207	3,614	3,826	3,977	3,173	4,092	4,204	3,732
Fabricated metal products, total.....	22,298	20,786	20,781	20,954	19,206	20,147	19,196	17,568
Metal cans, barrels and drums.....	2,420	2,354	2,193	2,240	2,103	2,006	1,948	1,744
Hardware, fabricated structural metal products, and wire products.....	12,015	11,412	11,450	11,525	10,916	11,181	10,604	9,536
Other fabricated metal products.....	7,863	7,020	7,138	7,189	6,187	6,960	6,644	6,288
Machinery, except electrical, total.....	28,359	25,642	25,872	25,746	22,767	24,798	24,112	20,642
Engines and turbines.....	1,932	1,741	1,881	2,072	2,017	1,779	1,589	1,397
Farm machinery and equipment.....	2,484	2,341	2,163	2,559	2,422	2,128	2,010	2,151
Construction, mining and material handling.....	4,714	4,320	4,505	4,711	4,067	5,001	4,990	3,923
Metalworking machinery.....	2,106	1,909	1,922	1,722	1,599	2,341	2,403	1,934
Miscellaneous equipment.....	6,227	5,515	5,436	5,452	4,432	5,035	5,070	4,251
Special industry machinery.....	3,368	3,071	3,056	2,742	2,429	2,518	2,503	2,113
General industrial machinery.....	2,452	2,307	2,365	2,212	2,049	2,128	2,005	1,798
Office and store machines.....	2,576	2,356	2,230	1,941	1,685	1,728	1,416	1,235
Service industry machinery.....	2,500	2,282	2,314	2,335	2,067	2,140	2,126	1,840
Electrical machinery, total.....	27,573	24,591	23,556	22,516	19,189	20,027	19,518	17,835
Electrical transmission and distribution equipment.....	2,719	2,577	2,558	2,278	2,561	2,561	2,237	1,840
Electrical industrial apparatus.....	3,033	2,830	2,930	2,884	2,438	3,000	2,972	2,349
Household appliances, including radio and TV.....	6,126	5,545	5,436	5,656	4,992	5,262	5,657	5,564
Communication equipment.....	7,073	6,009	5,203	4,299	3,691	3,355	2,973	2,636
Electronic components.....	3,867	3,339	3,199	2,945	2,246	2,166	2,132	1,972
Other electrical machinery.....	4,755	4,291	4,230	4,173	3,544	3,683	3,547	3,474
Transportation equipment, total.....	53,376	45,837	49,640	46,904	40,434	47,974	42,440	45,465
Motor vehicles and parts.....	33,661	26,720	30,953	27,496	21,411	28,338	26,132	31,413
Aircraft and parts.....	15,824	15,562	14,967	15,702	15,423	15,564	12,855	11,203
Other transportation equipment.....	3,891	3,555	3,720	3,706	3,600	4,072	3,453	2,849
Instruments and related products, total.....	6,638	6,018	5,919	5,491	4,666	4,603	4,280	3,888
Scientific and engineering.....	4,329	3,857	3,788	3,516	2,897	2,776	2,524	2,258
Other instruments.....	2,309	2,161	2,131	1,975	1,769	1,827	1,756	1,630
Other durable goods.....	8,325	7,442	7,414	7,175	7,015	7,774	7,788	8,179
Nondurable goods industries, total.....	193,372	183,896	180,051	176,033	164,411	161,874	156,471	148,663
Food and kindred products, total.....	66,868	64,553	62,384	60,880	59,742	55,874	53,967	51,237
Meat products.....	16,680	16,093	15,890	15,714	15,928	14,554	13,573	13,204
Dairy products.....	11,352	11,287	10,849	10,462	10,113	9,650	9,291	8,449
Beverages.....	6,435	6,147	5,933	5,776	5,408	5,407	5,243	4,969
Other foods and related products.....	32,401	31,026	29,712	28,928	28,293	26,263	25,860	24,615
Tobacco manufactures.....	4,533	4,488	4,339	4,048	3,867	3,578	3,408	3,348
Textile mill products, total.....	15,141	13,980	13,766	14,052	12,386	12,806	13,103	13,171
Broad-woven fabrics.....	5,749	5,304	5,410	5,533	4,903	5,022	5,307	5,404
Knitting mills.....	3,082	2,931	2,783	2,847	2,569	2,577	2,557	2,496
Other textile goods.....	6,310	5,745	5,573	5,672	4,914	5,207	5,239	5,271
Apparel.....	16,058	15,103	15,013	14,344	13,595	14,173	13,967	13,228
Paper and allied products, total.....	15,757	14,823	14,638	14,390	12,964	13,100	12,850	11,788
Pulp, paper, etc.....	6,822	6,497	6,559	6,476	5,773	5,893	5,936	5,457
Paperboard containers.....	4,433	4,119	4,021	3,960	3,588	4,029	3,929	3,648
Other paper and allied products.....	4,502	4,207	4,058	3,954	3,603	3,178	2,985	2,683
Printing and publishing, total.....	15,619	14,944	14,566	13,695	12,561	12,182	11,695	10,734
Newspapers, books and periodicals.....	8,517	8,170	7,969	7,406	6,701	6,569	6,386	5,941
Other publishing and printing.....	7,102	6,774	6,597	6,289	5,860	5,613	5,309	4,793
Chemicals and allied products, total.....	29,372	27,244	26,627	26,286	23,173	23,192	22,272	20,782
Industrial chemicals, except pigments.....	9,882	9,138	8,872	8,683	7,571	8,094	7,881	7,123
Paints and related products.....	2,665	2,580	2,606	2,617	2,296	2,303	2,283	2,220
Drugs, soap and toiletries.....	7,883	7,388	7,096	6,853	6,356	5,818	5,381	4,878
Other chemical products.....	8,942	8,138	8,053	8,133	6,950	6,977	6,721	6,561
Petroleum and coal products.....	17,197	16,831	16,797	16,259	15,627	16,371	15,557	14,186
Rubber and plastics products, n.e.c. total.....	8,516	7,744	7,688	7,667	6,600	6,612	6,462	6,395
Tires and tubes.....	2,884	2,723	2,844	2,947	2,578	2,613	2,602	2,658
Other rubber and plastics products, n.e.c.....	5,632	5,021	4,844	4,720	4,022	3,999	3,860	3,737
Leather and leather products, total.....	4,311	4,186	4,233	4,412	3,896	3,986	3,190	3,794
Leather, industrial products, and cut stock.....	1,107	1,100	1,160	1,272	1,066	1,123	1,151	1,138
Other leather products.....	3,204	3,086	3,073	3,140	2,830	2,863	2,039	2,656

n.e.c. Not elsewhere classified.

Table 1.--VALUE OF MANUFACTURERS' SHIPMENTS FOR ALL INDUSTRY GROUPS: 1947 AND 1949-1962--Continued

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(Millions of dollars)

Industry group	1954	1953	1952	1951	1950	1949	1947
All manufacturing industries.....	280,223	297,874	270,969	260,422	223,437	193,104	156,000
Durable goods industries, total.....	141,922	160,026	136,062	125,795	106,023	86,051	60,299
Lumber and wood products.....	7,379	7,610	7,525	7,608	7,090	5,133	5,431
Furniture and fixtures, total.....	3,826	3,926	3,583	3,527	3,240	2,533	2,575
Household furniture.....	2,732	2,857	2,607	2,575	2,452	1,855	1,825
All other furniture.....	1,094	1,069	976	952	788	728	700
Stone, clay and glass products.....	7,445	7,352	6,902	6,820	5,837	4,675	3,956
Primary metals, total.....	23,836	30,510	25,107	26,190	19,863	16,307	15,676
Blast furnaces, steel mills.....	13,189	18,216	13,569	15,023	10,881	9,525	8,437
Nonferrous metals.....	7,669	8,288	7,667	7,383	6,223	4,626	4,561
Other primary metals.....	2,978	4,006	3,671	3,784	2,759	2,156	2,326
Fabricated metal products, total.....	15,418	16,726	14,494	14,810	12,533	9,742	9,422
Metal cans, barrels and drums.....	1,606	1,557	1,426	1,456	1,280	1,075	666
Hardware, fabricated structural metal products, and wire products.....	8,573	8,770	7,728	7,858	6,957	5,448	5,223
Other fabricated metal products.....	5,239	6,399	5,340	5,496	4,296	3,219	3,533
Machinery, except electrical, total.....	18,793	21,258	20,146	17,740	13,301	11,790	12,024
Engines and turbines.....	1,371	1,612	1,511	1,151	881	631	828
Farm machinery and equipment.....	2,026	2,319	2,482	2,623	2,106	2,052	1,613
Construction, mining and material handling.....	3,018	3,899	3,842	3,228	2,254	2,071	2,060
Metalworking machinery.....	2,097	2,506	2,447	1,728	1,084	926	1,081
Miscellaneous equipment.....	3,807	4,479	3,952	3,411	2,292	1,784	1,880
Special industry machinery.....	2,066	2,098	2,163	2,297	1,765	1,649	1,754
General industrial machinery.....	1,683	1,793	1,656	1,347	1,048	992	1,131
Office and store machines.....	1,078	1,080	980	904	759	650	664
Service industry machinery.....	1,647	1,472	1,113	1,051	1,112	835	903
Electrical machinery, total.....	16,157	18,339	15,848	14,096	12,254	9,345	9,555
Electrical transmission and distribution equipment.....	1,870	2,027	1,699	1,486	1,140	1,043	955
Electrical industrial apparatus.....	2,226	2,665	2,573	2,211	1,532	1,316	1,422
Household appliances, including radio and TV.....	4,815	5,379	4,623	4,620	4,672	3,258	3,574
Communication equipment.....	2,554	2,775	2,317	1,467	1,181	967	1,091
Electronic components.....	1,766	2,281	1,778	1,290	1,245	746	490
Other electrical machinery.....	2,926	3,212	2,858	3,022	2,484	2,015	2,003
Transportation equipment, total.....	37,173	40,342	31,367	27,276	25,383	21,006	16,202
Motor vehicles and parts.....	21,823	24,949	18,932	19,188	20,431	16,150	12,135
Aircraft and parts.....	12,800	12,053	9,030	5,154	2,795	2,412	1,675
Other transportation equipment.....	2,550	3,340	3,405	2,934	2,157	2,444	2,392
Instruments and related products, total.....	3,575	3,760	3,529	2,910	2,441	1,969	1,932
Scientific and engineering.....	2,077	2,162	2,135	1,691	1,352	1,043	978
Other instruments.....	1,498	1,598	1,394	1,219	1,089	926	1,014
Other durable goods.....	8,320	10,203	7,561	4,818	4,081	3,445	3,393
Nondurable goods industries, total.....	138,301	137,848	134,907	134,627	117,414	107,103	105,301
Food and kindred products, total.....	50,579	49,942	51,229	49,990	44,017	42,335	42,249
Meat products.....	13,310	12,591	13,970	14,222	12,007	12,090	11,507
Dairy products.....	8,357	8,906	8,908	8,331	7,127	7,337	7,422
Beverages.....	4,652	5,086	4,407	4,349	4,351	4,127	3,331
Other foods and related products.....	24,260	23,359	23,944	23,088	20,532	18,781	15,889
Tobacco manufactures.....	3,371	3,415	3,274	3,213	3,111	2,978	2,641
Textile mill products, total.....	11,620	13,154	13,038	14,235	12,905	10,573	11,033
Broad-woven fabrics.....	4,919	6,157	6,234	6,721	5,920	4,561	5,321
Knitting mills.....	2,209	2,441	2,349	2,444	2,296	2,004	1,709
Other textile goods.....	4,492	4,556	4,455	5,070	4,689	3,708	3,583
Apparel.....	12,276	12,270	12,029	11,776	10,989	11,056	10,782
Paper and allied products, total.....	10,471	10,408	9,348	9,856	7,807	6,304	6,611
Pulp, paper, etc.....	4,776	4,660	4,256	4,562	3,568	2,919	3,250
Paperboard containers.....	3,306	3,214	2,879	3,110	2,528	2,040	2,209
Other paper and allied products.....	2,389	2,534	2,213	2,184	1,711	1,345	1,152
Printing and publishing, total.....	10,453	9,425	8,858	8,465	7,586	7,273	6,346
Newspapers, books and periodicals.....	5,495	5,351	5,064	4,820	4,411	4,246	3,571
Other publishing and printing.....	4,958	4,074	3,794	3,645	3,175	3,027	2,775
Chemicals and allied products, total.....	17,868	17,404	16,384	16,366	13,600	11,553	10,532
Industrial chemicals, except pigments.....	5,723	5,456	4,961	4,879	4,001	3,190	2,604
Paints and related products.....	1,995	2,029	1,846	1,933	1,601	1,416	1,013
Drugs, soap and toiletries.....	4,521	4,271	4,216	4,214	3,754	3,257	3,222
Other chemical products.....	5,629	5,648	5,361	5,340	4,214	3,800	3,191
Petroleum and coal products.....	13,076	12,610	11,909	11,558	9,804	8,478	7,430
Rubber and plastics products, n.e.c., total.....	5,047	5,428	5,189	5,255	4,405	3,240	3,461
Tires and tubes.....	1,895	2,237	2,247	2,328	1,941	1,481	1,786
Other rubber and plastics products, n.e.c.....	3,152	3,191	2,942	2,927	2,464	1,759	1,675
Leather and leather products, total.....	3,540	3,792	3,649	3,913	3,640	3,423	3,704
Leather, industrial products, and cut stock.....	1,040	1,149	1,172	1,427	1,387	1,230	1,462
Other leather products.....	2,500	2,643	2,477	2,486	2,253	2,193	2,242

n.e.c. Not elsewhere classified.

Table 2.--VALUE OF MANUFACTURERS' INVENTORIES FOR ALL INDUSTRY GROUPS: 1953-1962

(Millions of dollars. Data as of December 31)

Industry group	1962	1961	1960	1959	1958	1957	1956	1955	1954	1953
All manufacturing industries.....	57,419	54,776	53,512	52,497	50,013	51,878	50,728	45,225	41,831	44,214
Durable goods industries, total.....	33,891	32,231	31,953	31,495	29,893	31,605	30,410	26,439	23,785	25,971
Lumber and wood products.....	1,268	1,259	1,327	1,307	1,284	1,269	1,370	1,209	1,148	1,156
Furniture and fixtures, total.....	730	719	715	716	684	681	678	632	556	567
Household furniture.....	486	467	471	475	449	446	460	437	388	398
All other furniture.....	244	252	244	241	235	235	218	195	168	169
Stone, clay and glass products.....	1,469	1,447	1,438	1,360	1,232	1,262	1,041	905	831	847
Primary metals, total.....	6,013	6,121	5,795	5,389	5,450	5,367	5,053	4,196	3,706	3,890
Blast furnaces, steel mills.....	3,680	3,850	3,541	3,254	3,446	3,375	2,970	2,525	2,332	2,409
Nonferrous metals.....	1,853	1,796	1,786	1,656	1,559	1,490	1,523	1,242	1,030	1,048
Other primary metals.....	480	475	468	479	445	502	560	429	344	433
Fabricated metal products, total.....	3,665	3,644	3,603	3,609	3,530	3,766	3,513	3,028	2,593	2,843
Metal cans, barrels and drums.....	332	345	327	347	379	343	364	320	278	270
Hardware, fabricated structural metal products, and wire products.....	2,099	2,143	2,125	2,104	2,080	2,291	2,056	1,756	1,515	1,684
Other fabricated metal products.....	1,234	1,156	1,151	1,158	1,071	1,132	1,093	952	800	869
Machinery, except electrical, total.....	6,403	5,879	5,890	5,947	5,396	5,968	5,577	4,612	4,038	4,515
Engines and turbines.....	442	399	430	486	467	531	396	342	317	374
Farm machinery and equipment.....	638	546	549	601	516	546	544	540	508	537
Construction, mining and material handling.....	1,162	1,088	1,146	1,221	1,088	1,221	1,277	973	737	841
Metalworking machinery.....	601	553	570	525	492	593	660	534	486	582
Miscellaneous equipment.....	950	860	856	879	770	821	759	659	558	643
Special industry machinery.....	814	778	746	710	656	739	719	589	528	570
General industrial machinery.....	477	444	462	484	452	504	478	400	348	397
Office and store machines.....	798	732	630	566	528	546	320	240	243	261
Service industry machinery.....	521	479	501	475	427	467	424	335	313	310
Electrical machinery, total.....	4,792	4,372	4,142	3,903	3,382	3,704	3,729	3,298	2,929	3,416
Electrical transmission and distribution equipment.....	566	540	512	493	432	522	483	385	339	385
Electrical industrial apparatus.....	572	550	538	554	487	540	635	519	436	505
Household appliances, including radio and TV.....	966	874	904	855	790	860	1,043	982	877	1,074
Communication equipment.....	1,349	1,198	1,006	879	760	825	619	550	525	551
Electronic components.....	656	573	562	496	378	367	379	333	303	412
Other electrical machinery.....	683	637	620	626	535	590	570	529	449	489
Transportation equipment, total.....	6,730	6,251	6,449	6,872	6,729	7,259	6,941	6,093	5,497	5,983
Motor vehicles and parts.....	2,442	2,195	2,207	2,332	1,922	2,139	2,173	2,221	1,600	1,955
Aircraft and parts.....	3,475	3,308	3,430	3,752	4,075	4,269	4,058	3,309	3,430	3,431
Other transportation equipment.....	813	748	812	788	732	851	710	563	467	597
Instruments and related products, total.....	1,337	1,227	1,206	1,094	983	998	907	806	752	804
Scientific and engineering.....	895	825	808	729	652	649	574	489	430	471
Other instruments.....	444	402	398	365	331	349	333	317	322	333
Other durable goods.....	1,484	1,312	1,388	1,298	1,223	1,331	1,601	1,660	1,735	1,950
Nondurable goods industries, total.....	23,528	22,545	21,559	21,002	20,120	20,273	20,318	18,786	18,046	18,243
Food and kindred products, total.....	6,395	6,159	5,758	5,585	5,546	5,308	5,529	5,092	4,995	5,059
Meat products.....	587	565	568	548	600	552	582	557	561	601
Dairy products.....	429	456	432	402	373	367	406	382	337	352
Beverages.....	1,225	1,203	1,052	1,078	1,077	1,048	1,112	1,037	1,065	1,116
Other foods and related products.....	4,154	3,935	3,706	3,557	3,496	3,341	3,429	3,116	3,032	2,990
Tobacco manufactures.....	2,494	2,504	2,280	2,165	2,064	2,057	2,218	2,212	2,202	2,128
Textile mill products, total.....	2,531	2,363	2,240	2,173	2,136	2,173	2,277	2,114	2,078	2,175
Broad-woven fabrics.....	1,172	1,103	1,057	1,005	989	1,073	1,106	1,016	1,033	1,055
Knitting mills.....	483	435	399	398	375	381	399	377	348	375
Other textile goods.....	876	825	784	770	772	719	772	721	697	745
Apparel.....	1,952	1,779	1,783	1,754	1,636	1,701	1,752	1,640	1,488	1,585
Paper and allied products, total.....	1,660	1,609	1,545	1,515	1,438	1,439	1,379	1,188	1,099	1,096
Pulp, paper, etc.....	664	667	647	631	620	614	590	496	490	493
Paperboard containers.....	504	475	449	443	418	417	425	379	327	327
Other paper and allied products.....	492	467	449	441	400	408	364	313	282	276
Printing and publishing, total.....	1,336	1,278	1,267	1,216	1,168	1,160	1,118	1,019	1,000	900
Newspapers, books and periodicals.....	552	525	520	493	465	480	469	430	400	390
Other publishing and printing.....	784	753	747	723	703	680	649	589	600	510
Chemicals and allied products, total.....	3,625	3,463	3,373	3,236	2,999	3,070	2,927	2,672	2,525	2,578
Industrial chemicals, except pigments.....	1,096	1,070	1,044	976	929	958	852	755	703	711
Paints and related products.....	414	397	384	398	362	372	342	322	301	307
Drugs, soap and toiletries.....	946	895	858	844	796	806	772	720	685	693
Other chemical products.....	1,169	1,101	1,087	1,018	912	934	957	875	836	867
Petroleum and coal products.....	1,823	1,761	1,708	1,744	1,675	1,883	1,671	1,480	1,430	1,444
Rubber and plastics products, n.e.c., total.....	1,133	1,056	1,046	1,028	928	954	912	853	730	758
Tires and tubes.....	408	409	423	404	372	399	385	364	308	329
Other rubber and plastics products, n.e.c.....	725	647	623	624	556	555	527	489	422	429
Leather and leather products, total.....	579	573	559	586	530	528	535	516	499	520
Leather, industrial products, and cut stock.....	189	196	191	202	217	187	194	186	192	202
Other leather products.....	390	377	368	384	313	341	341	330	307	318

n.e.c. Not elsewhere classified.

Table 3.--VALUE OF MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS, FOR MACHINERY AND EQUIPMENT INDUSTRIES: BY MONTH, 1953-1963

(Millions of dollars)

Category and year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
SEASONALLY ADJUSTED												
Shipments:												
1963.....	3,071	3,115	3,130	3,160	3,184	3,215	3,292	3,252	3,272	3,292	3,292	3,262
1962.....	2,956	3,015	3,086	3,119	3,175	3,149	3,157	3,150	3,095	3,079	3,079	3,049
1961.....	2,751	2,733	2,711	2,727	2,735	2,764	2,747	2,676	2,601	2,590	2,589	2,562
1960.....	2,868	2,807	2,861	2,895	2,921	2,897	2,974	2,774	2,845	2,851	2,764	2,792
1959.....	2,603	2,672	2,704	2,727	2,791	2,797	2,912	2,815	2,853	2,855	2,825	2,804
1958.....	2,611	2,516	2,511	2,422	2,384	2,462	2,374	2,457	2,469	2,456	2,524	2,513
1957.....	2,897	2,964	2,858	2,835	2,800	2,787	2,743	2,634	2,768	2,790	2,748	2,654
1956.....	2,359	2,389	2,424	2,613	2,644	2,759	2,711	2,719	2,708	2,613	2,614	2,573
1955.....	2,088	2,185	2,220	2,190	2,245	2,277	2,214	2,281	2,341	2,332	2,354	2,402
1954.....	2,275	2,193	2,107	2,065	2,027	2,007	2,086	1,999	2,006	1,922	1,991	2,052
1953.....	2,481	2,501	2,451	2,511	2,475	2,357	2,400	2,271	2,275	2,312	2,236	2,185
New orders:												
1963.....	3,254	3,206	3,217	3,351	3,416	3,292	3,334	3,307	3,415	3,441	3,273	3,612
1962.....	3,147	3,305	2,973	3,306	3,102	3,020	3,066	2,942	2,981	3,048	3,157	3,066
1961.....	2,764	2,745	2,711	2,741	2,705	2,797	3,027	3,073	2,877	2,914	2,904	2,957
1960.....	2,733	2,829	2,785	2,829	2,887	2,872	2,776	2,780	2,749	2,692	2,614	2,661
1959.....	2,624	2,704	3,064	2,789	2,922	2,995	3,029	2,790	3,038	2,927	2,743	2,563
1958.....	2,281	2,160	2,213	2,248	2,264	2,278	2,293	2,459	2,565	2,480	2,579	2,466
1957.....	2,959	2,958	2,826	2,612	2,632	2,530	2,525	2,557	2,417	2,355	2,326	2,253
1956.....	2,725	2,546	2,685	2,816	2,990	3,015	2,769	2,895	2,838	2,885	3,214	3,076
1955.....	2,090	2,294	2,615	2,295	2,311	2,474	2,432	2,592	2,571	2,644	2,771	2,870
1954.....	1,780	1,864	1,558	1,646	1,611	1,648	1,751	1,742	1,942	1,934	1,829	1,954
1953.....	2,570	2,426	2,290	2,410	2,297	1,895	2,086	1,841	1,885	1,797	1,777	1,755
Unfilled orders:												
1963.....	9,963	10,008	10,153	10,304	10,488	10,482	10,549	10,650	10,754	10,931	10,928	11,102
1962.....	10,005	10,243	10,136	10,261	10,183	9,966	9,900	9,712	9,614	9,602	9,755	9,828
1961.....	9,408	9,377	9,409	9,412	9,398	9,375	9,643	9,853	9,840	9,855	9,988	9,984
1960.....	10,006	10,006	9,899	9,883	9,829	9,763	9,589	9,606	9,502	9,419	9,315	9,374
1959.....	8,995	9,033	9,351	9,411	9,495	9,661	9,765	9,754	9,869	9,950	9,942	10,053
1958.....	10,043	9,744	9,389	9,215	9,059	8,923	8,794	8,794	8,846	8,888	8,994	8,975
1957.....	13,171	13,207	13,127	12,944	12,753	12,502	12,286	12,010	11,657	11,264	10,822	10,384
1956.....	11,018	11,208	11,459	11,715	12,037	12,333	12,437	12,523	12,665	12,769	13,011	13,136
1955.....	7,820	7,926	8,272	8,389	8,434	8,682	8,955	9,233	9,465	9,775	10,173	10,076
1954.....	10,854	10,513	9,948	9,508	9,113	8,735	8,487	8,223	8,141	8,141	7,940	7,806
1953.....	14,841	14,707	14,591	14,475	14,345	13,869	13,504	13,050	12,691	12,194	11,519	11,327
Total inventories (end of month):												
1963.....	8,173	8,192	8,195	8,211	8,213	8,245	8,317	8,365	8,343	8,395	8,485	8,539
1962.....	7,602	7,639	7,722	7,789	7,845	7,840	7,891	7,937	7,987	8,036	8,000	8,040
1961.....	7,400	7,324	7,262	7,237	7,240	7,241	7,273	7,286	7,343	7,417	7,496	7,543
1960.....	7,640	7,737	7,811	7,833	7,795	7,808	7,754	7,763	7,751	7,659	7,642	7,543
1959.....	6,795	6,829	6,875	6,991	7,077	7,186	7,270	7,304	7,303	7,350	7,327	7,442
1958.....	7,521	7,423	7,299	7,151	7,037	6,936	6,858	6,813	6,731	6,753	6,720	6,708
1957.....	7,254	7,338	7,384	7,424	7,502	7,532	7,593	7,598	7,653	7,643	7,607	7,640
1956.....	5,905	6,028	6,189	6,348	6,483	6,622	6,707	6,780	6,921	7,003	7,115	7,175
1955.....	5,053	5,062	5,090	5,105	5,105	5,161	5,241	5,387	5,495	5,593	5,701	5,843
1954.....	5,574	5,541	5,476	5,404	5,347	5,281	5,225	5,133	5,051	5,040	5,042	5,083
1953.....	6,016	5,984	5,965	5,940	5,901	5,894	5,913	5,886	5,893	5,883	5,805	5,742
WITHOUT SEASONAL ADJUSTMENT ¹												
Shipments:												
1963.....	2,779	3,212	3,281	3,316	3,268	3,513	2,941	3,062	3,308	3,272	3,232	3,440
1962.....	2,671	3,110	3,242	3,271	3,250	3,448	2,820	2,983	3,133	3,064	3,000	3,080
1961.....	2,492	2,824	2,845	2,860	2,781	3,016	2,453	2,701	2,844	2,919	2,821	2,846
1960.....	2,599	2,903	3,003	3,035	2,969	3,150	2,649	2,606	2,893	2,709	2,740	2,840
1959.....	2,370	2,772	2,846	2,864	2,830	3,028	2,585	2,640	2,933	2,804	2,800	2,840
1958.....	2,380	2,614	2,652	2,542	2,414	2,653	2,103	2,302	2,512	2,404	2,500	2,506
1957.....	2,650	3,074	3,011	2,964	2,829	2,995	2,425	2,652	2,812	2,797	2,797	2,797
1956.....	2,162	2,482	2,564	2,729	2,674	2,954	2,381	2,545	2,755	2,781	2,781	2,781
1955.....	1,921	2,264	2,337	2,280	2,265	2,434	1,940	2,146	2,378	2,400	2,400	2,400
1954.....	2,100	2,272	2,218	2,148	2,044	2,142	1,813	1,800	2,040	1,940	1,940	1,940
1953.....	2,291	2,587	2,575	2,613	2,499	2,510	2,080	2,164	2,308	2,351	2,351	2,351
New orders:												
1963.....	2,956	3,418	3,509	3,477	3,377	3,536	3,048	3,129	3,350	3,350	3,350	3,350
1962.....	2,863	3,527	3,219	3,403	3,033	3,271	2,834	2,779	2,900	2,900	2,900	2,900
1961.....	2,526	2,917	2,965	2,851	2,670	3,048	2,775	2,902	2,800	2,800	2,800	2,800
1960.....	2,522	2,998	3,000	2,995	2,835	3,141	2,552	2,619	2,736	2,736	2,736	2,736
1959.....	2,407	2,859	3,252	2,890	2,847	3,313	2,787	2,616	2,812	2,812	2,812	2,812
1958.....	2,110	2,272	2,316	2,331	2,208	2,526	2,132	2,501	2,552	2,552	2,552	2,552
1957.....	2,759	3,079	2,894	2,703	2,537	2,823	2,361	2,500	2,570	2,570	2,570	2,570
1956.....	2,576	2,658	2,706	2,920	2,802	3,350	2,615	2,604	2,700	2,700	2,700	2,700
1955.....	1,984	2,377	2,565	2,371	2,208	2,737	2,315	2,440	2,440	2,440	2,440	2,440
1954.....	1,708	1,917	1,529	1,702	1,543	1,814	1,666	1,643	1,833	1,833	1,833	1,833
1953.....	2,478	2,485	2,202	2,509	2,316	2,099	2,001	1,738	1,800	1,774	1,774	1,774

See footnote at end of table.

Table 3.--VALUE OF MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS, FOR MACHINERY AND EQUIPMENT INDUSTRIES: BY MONTHS, 1953-1963--Continued

(Millions of dollars)

Category and year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
WITHOUT SEASONAL ADJUSTMENT ¹ --Continued												
Unfilled orders:												
1963.....	9,837	10,029	10,256	10,415	10,524	10,546	10,656	10,723	10,772	10,859	10,812	10,981
1962.....	9,881	10,263	10,240	10,368	10,193	10,014	9,998	9,786	9,624	9,538	9,624	9,655
1961.....	9,288	9,376	9,502	9,496	9,381	9,413	9,735	9,943	9,868	9,800	9,804	9,683
1960.....	9,990	10,078	10,074	10,039	9,900	9,890	9,791	9,802	9,646	9,481	9,287	9,344
1959.....	9,011	9,090	9,502	9,526	9,541	9,779	9,989	9,965	10,042	10,041	9,938	9,991
1958.....	10,153	9,840	9,508	9,300	9,090	9,016	8,995	8,994	9,014	8,968	9,043	8,975
1957.....	13,380	13,388	13,271	13,012	12,709	12,544	12,477	12,215	11,789	11,285	10,885	10,435
1956.....	11,279	11,448	11,592	11,779	11,970	12,357	12,594	12,715	12,726	12,732	13,056	13,264
1955.....	8,042	8,146	8,383	8,471	8,414	8,714	9,086	9,390	9,513	9,764	10,218	10,856
1954.....	11,055	10,729	10,016	9,574	9,078	8,752	8,604	8,356	8,209	8,172	7,996	7,979
1953.....	15,078	14,986	14,606	14,503	14,222	13,813	13,751	13,328	12,844	12,255	11,810	11,444
Total inventories (end of month):												
1963.....	8,107	8,251	8,307	8,347	8,401	8,335	8,306	8,312	8,242	8,314	8,366	8,402
1962.....	7,541	7,694	7,830	7,919	8,022	7,927	7,882	7,877	7,884	7,951	7,950	7,965
1961.....	7,339	7,377	7,363	7,355	7,398	7,333	7,275	7,237	7,246	7,326	7,392	7,418
1960.....	7,575	7,790	7,923	7,953	7,948	7,921	7,765	7,720	7,643	7,548	7,535	7,416
1959.....	6,740	6,867	6,959	7,077	7,202	7,302	7,299	7,268	7,200	7,240	7,227	7,378
1958.....	7,468	7,450	7,372	7,224	7,151	7,039	6,877	6,766	6,646	6,657	6,654	6,677
1957.....	7,213	7,356	7,440	7,491	7,613	7,630	7,601	7,534	7,573	7,556	7,626	7,556
1956.....	5,876	6,035	6,228	6,407	6,574	6,701	6,689	6,723	6,866	7,005	7,099	7,107
1955.....	5,038	5,075	5,093	5,139	5,166	5,209	5,214	5,345	5,459	5,559	5,696	5,796
1954.....	5,563	5,570	5,520	5,468	5,409	5,317	5,194	5,092	5,011	5,011	5,038	4,999
1953.....	6,024	6,038	6,029	6,016	5,973	5,917	5,868	5,832	5,835	5,842	5,786	5,716

¹Shipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories are as of end of month.

Table 4.--VALUE OF MANUFACTURERS' SHIPMENTS, BY INDUSTRY GROUPS, BY MONTHS: 1947-1952

(Seasonally adjusted, revised)

Type of industry	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1952													
All manufacturing industries, total	21,717	21,879	21,909	22,042	22,069	21,506	20,972	22,190	23,422	24,122	24,017	24,344	270,189
Durable goods industries.....	10,557	10,854	10,927	10,975	11,181	10,348	9,790	11,011	12,079	12,387	12,692	12,850	135,651
Nondurable goods industries.....	11,160	11,025	10,982	11,067	10,888	11,158	11,182	11,179	11,343	11,735	11,325	11,494	134,538
1951													
All manufacturing industries, total	22,009	21,930	22,227	21,637	21,989	21,861	21,171	21,435	21,375	21,733	21,743	21,464	260,574
Durable goods industries.....	10,346	10,398	10,966	10,574	10,758	10,575	10,064	10,330	10,204	10,637	10,669	10,362	125,883
Nondurable goods industries.....	11,663	11,532	11,261	11,063	11,231	11,286	11,107	11,105	11,171	11,096	11,074	11,102	134,691
1950													
All manufacturing industries, total	15,765	16,221	16,462	16,820	17,688	18,430	19,775	20,906	20,169	20,161	19,909	21,418	223,724
Durable goods industries.....	7,124	7,268	7,541	7,777	8,464	8,943	9,341	10,037	9,797	9,888	9,676	10,395	106,251
Nondurable goods industries.....	8,641	8,953	8,921	9,043	9,224	9,487	10,434	10,869	10,372	10,273	10,233	11,023	117,473
1949													
All manufacturing industries, total	17,298	16,952	16,627	16,352	15,775	15,954	15,781	16,251	16,448	15,317	15,401	15,380	193,536
Durable goods industries.....	8,158	7,911	7,672	7,395	7,014	7,147	6,975	7,195	7,310	6,286	6,619	6,655	86,337
Nondurable goods industries.....	9,140	9,041	8,955	8,957	8,761	8,807	8,806	9,056	9,138	9,031	8,782	8,725	107,199
1948													
All manufacturing industries, total	16,739	16,610	16,737	16,943	17,111	17,526	17,792	17,799	17,974	17,690	17,484	17,408	207,813
Durable goods industries.....	6,986	7,095	7,359	7,268	7,449	7,722	7,814	7,814	7,996	7,814	7,814	7,814	90,945
Nondurable goods industries.....	9,753	9,515	9,378	9,675	9,662	9,804	9,978	9,985	9,978	9,876	9,670	9,594	116,868
1947													
All manufacturing industries, total	14,172	14,510	14,788	14,955	15,192	15,225	15,395	15,319	15,945	16,565	16,971	17,112	186,149
Durable goods industries.....	5,985	6,082	6,139	6,418	6,568	6,507	6,665	6,616	6,983	7,278	7,431	7,671	80,343
Nondurable goods industries.....	8,187	8,428	8,649	8,537	8,624	8,718	8,730	8,703	8,962	9,287	9,540	9,441	105,806

Table 5.--VALUE OF MANUFACTURERS' NEW ORDERS, BY INDUSTRY GROUP, BY MONTHS, 1947-1952

(Millions of dollars. Seasonally adjusted)

Type of industry	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1952													
All manufacturing industries, total	22,015	22,164	23,500	23,747	22,039	24,168	23,332	22,653	23,934	23,697	23,236	24,518	279,008
Durable goods industries.....	11,058	11,061	12,810	12,941	10,858	12,999	12,040	11,762	12,660	11,853	11,547	12,889	144,876
Nondurable goods industries.....	10,957	11,103	10,690	10,806	11,181	11,169	11,292	10,891	11,274	11,844	11,689	11,629	134,132
1951													
All manufacturing industries, total	27,759	26,115	25,821	24,481	24,225	23,413	23,316	21,800	21,672	22,795	22,553	22,357	286,337
Durable goods industries.....	15,457	14,084	14,636	13,836	13,253	12,877	12,611	11,411	10,754	11,534	11,547	11,180	153,639
Nondurable goods industries.....	12,302	12,031	11,185	10,645	10,972	10,536	10,705	10,389	10,918	10,261	11,006	11,177	132,697
1950													
All manufacturing industries, total	16,281	16,821	16,564	17,158	18,929	19,059	22,849	25,070	22,288	22,213	21,070	23,099	241,401
Durable goods industries.....	7,561	7,616	7,858	8,348	9,232	9,393	11,524	14,214	11,793	12,004	10,551	11,575	122,369
Nondurable goods industries.....	8,720	9,205	8,706	8,810	9,697	9,666	11,325	10,856	10,495	10,209	10,519	11,524	119,032
1949													
All manufacturing industries, total	16,301	15,988	15,529	15,015	14,905	14,323	14,907	16,185	16,629	15,662	15,548	15,576	186,568
Durable goods industries.....	7,138	7,081	6,668	6,161	6,022	5,752	5,928	6,853	6,919	6,774	7,116	6,997	73,409
Nondurable goods industries.....	9,163	8,907	8,861	8,854	8,883	8,571	8,979	9,332	9,710	8,888	8,432	8,579	107,459
1948													
All manufacturing industries, total	17,104	16,930	17,150	17,422	17,636	18,564	18,549	18,603	18,270	17,995	17,565	17,207	212,996
Durable goods industries.....	7,462	7,498	7,823	8,002	8,063	8,847	8,852	8,924	8,380	8,342	7,946	7,719	97,850
Nondurable goods industries.....	9,642	9,432	9,327	9,420	9,573	9,717	9,697	9,679	9,890	9,653	9,619	9,488	115,147
1947													
All manufacturing industries, total	14,094	14,368	14,691	14,450	14,755	14,720	14,573	14,765	15,565	16,306	16,906	17,174	182,787
Durable goods industries.....	5,659	5,978	5,905	5,894	6,211	5,917	5,948	6,193	6,834	6,991	7,364	7,721	76,625
Nondurable goods industries.....	8,435	8,390	8,786	8,556	8,544	8,803	8,625	8,572	9,131	9,315	9,542	9,453	106,162

Table 6.--VALUE OF MANUFACTURERS' UNFULFILLED ORDERS, BY INDUSTRY GROUP, BY MONTHS, 1947-1952

(Millions of dollars. Seasonally adjusted)

Type of industry	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
1952												
All manufacturing industries, total	67,466	67,447	69,481	71,507	71,874	74,681	76,322	76,773	77,237	76,683	75,992	75,557
Durable goods industries.....	63,987	63,981	65,953	68,132	68,341	71,064	72,866	73,518	74,306	73,803	73,157	72,680
Nondurable goods industries.....	3,479	3,466	3,528	3,375	3,533	3,617	3,456	3,255	2,931	2,880	2,835	2,877
1951												
All manufacturing industries, total	47,240	51,372	55,402	58,504	60,729	62,459	64,185	64,483	64,769	65,737	66,511	67,200
Durable goods industries.....	40,842	44,560	48,467	51,774	54,197	56,795	59,042	60,008	60,811	62,134	62,745	63,334
Nondurable goods industries.....	6,398	6,812	6,935	6,730	6,532	5,664	5,143	4,475	3,958	3,603	3,766	3,866
1950												
All manufacturing industries, total	24,646	25,181	25,458	25,815	26,685	27,611	30,636	34,724	36,931	38,830	39,879	41,456
Durable goods industries.....	20,204	20,564	20,971	21,428	21,855	22,628	24,960	28,873	31,057	33,007	34,145	35,435
Nondurable goods industries.....	4,442	4,617	4,487	4,387	4,830	4,983	5,676	5,851	5,874	5,823	5,734	6,021
1949												
All manufacturing industries, total	29,719	28,643	27,678	26,451	25,404	23,891	23,240	23,096	23,323	23,500	23,904	24,643
Durable goods industries.....	25,627	24,776	23,818	22,520	21,417	20,180	19,297	18,890	18,594	18,930	19,800	20,622
Nondurable goods industries.....	4,092	3,869	3,860	3,931	3,987	3,711	3,943	4,206	4,729	4,570	4,104	4,021
1948												
All manufacturing industries, total	33,961	33,523	33,386	33,367	32,955	33,430	33,580	33,427	32,992	32,345	31,887	30,736
Durable goods industries.....	28,253	27,956	27,812	27,825	27,486	28,220	28,581	28,795	28,508	28,066	27,480	26,819
Nondurable goods industries.....	5,708	5,567	5,574	5,542	5,469	5,210	4,999	4,632	4,484	4,279	4,407	3,917
1947												
All manufacturing industries, total	37,477	37,292	37,242	37,067	36,736	36,279	35,487	34,662	34,513	34,411	34,411	34,473
Durable goods industries.....	31,827	31,663	31,493	31,074	30,720	30,318	29,557	29,059	29,050	28,900	28,801	28,579
Nondurable goods industries.....	5,650	5,629	5,749	5,993	6,016	5,961	5,930	5,603	5,463	5,511	5,610	5,894

Table 7.--VALUE OF MANUFACTURERS' NEW ORDERS FOR DEFENSE PRODUCTS, BY MONTHS: 1953 AND 1954

(Millions of dollars. Seasonally adjusted - revised)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.
1953.....	2,169	2,508	1,587	1,565	2,055	2,037	1,043	1,009	827	1,900	1,000	1,800
1954.....	1,513	1,310	1,058	1,394	1,099	1,000	1,485	1,248	1,850	2,510	2,000	2,200

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